NESQLUG NEWS
The Journal of Record of
New England Sinclair QL User Group
Vol II, No 5
"A Beacon to Guide the Wandering Sojourner Home from the Abyss of Confusion"

EDITOR'S NOTES

We (editorially) have recently heard that Simon Goodwin of Turbocharge, Editor SE and DIY Toolkit fame is upset about the inclusion in our PD library of some extensions that he wrote for QL World.

If the rumo(u)rs are true, we sincerely apologize for any violation of his rights and hope he will contact us directly about his concerns.

We are aware that copyright laws in the United Kingdom differ from those in the rest of the world regarding software published in copyright magazines. To the best of our understanding we have respected those limitations.

1) We understand that the extensions are not restricted and may be used freely in other software. Only the printed text is copyright.

2) In all cases both Mr. Goodwin and QL World are attributed.

3) None of the extensions are the improved ones marketed by CGH.

4) Membership in NESQLUG is required for access to the PD disks. The keypunching is a joint effort.

5) All documentation and examples in the NESQLUG library are original with the members of NESQLUG.

Finally, welcome to NESQLUG to Robert Madaris of Trafford AL, USA.

The NESQLUG NEWS is the Journal of the New England Sinclair QL User Group. It is published bi-monthly.

Annual membership is $10.00 (students $5.00) in North America. The rest of the world - $15.00 air mail.

We meet monthly on the first Saturday of odd-numbered months and the first Sunday of even numbered months. If that's a holiday weekend, we meet the following weekend.

NEXT MEETINGS

NESQLUG meets from 1:00 pm to 4:00pm, Sunday, April 5, at the home of Al & Dorothy Boehm, 33 Selfridge Road, Bedford, MA. The topic is BCPL programming. Call (617) 275 1097 for directions. Come at noon for coffee and set up.

In May it meets from 11:00 pm to 4:00 pm, Saturday, May 2, at Al and Dorothy Boehm's as above.

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Our exchange policy is simple: we-send-you-ours-if-you-send-us-yours (WSYOIYSUY) and you have something to say about the QL.

Please forward exchange issues to Mike Jonas, 1691 Cambridge St. #21, Cambridge, MA 02138.

Unless copywritten by the author, articles/listings are in the public domain. Attribution is requested.

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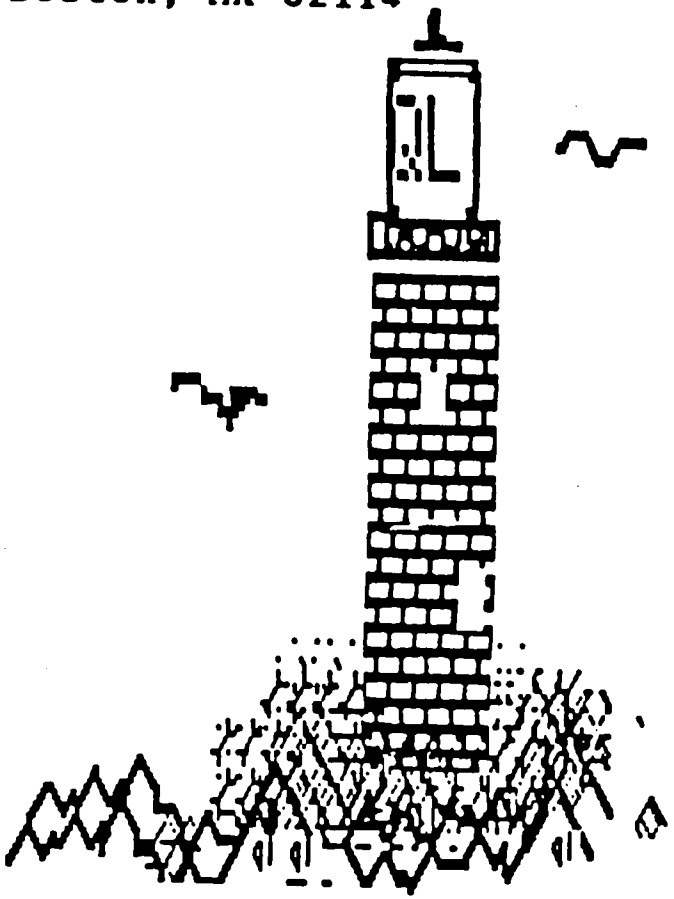

March/April 1992
NESQLUG News

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MEETING NOTES
JANUARY 4th
by Joyce Blaho

Present at the meeting: Mike Jonas, Peter Hale, Ed Kingsley, Gary Norton, Al Boehm, Joyce Blaho, Will and Judy Horton.

The first item we accomplished was the photo session of the latest QL product, the PRODPAD by Compution Genetics. The true need of the modern computerist is fulfilled.

Al Boehm regrets he did not have time to establish a visual aid for our computer meetings, a Doodleflex that will show the characters generated in a QL computer on two monitors.

Peter demonstrated the Psion tennis game called Matchpoint - a quick running program that can have between one and four players participating. Good animation that gives a sense of 3D in how players move.

Treasurer's report: Yup, we've got some money, approximately $200.00.

It was also reported that we now have 34 members in our group.

Suggestions were made to increase group activity.

Some were: Program contest, demonstration of some programs in our library and someone to summarize QL World articles of the past two months.

Peter stated an urgent need to have more people assume responsibilities of a user group operation. He will for now continue to be editor of the newsletter. More articles are needed for our newsletter and should be submitted in an easy format to assimilate.

Continued page 5

LETTER

Find enclosed a check to enroll me as a member of [NESQLUG].

I am 64 years old and retired. The only experience with computer programming that I have started in 1982 with the ZX-81.

With publications such as SYNTAX and SYNC I became very familiar with it and was hooked on Sinclairs as a hobby.

The TS2068 followed, but I did not learn it as well.

I picked the QL just as it became cheap (and dwindling) but it is my choice to use. I have never used any other computer but the Sinclair (and never will.)

My QL has a 256K Trump Card to which I added Drams to bring it up to 768K (total 896K.) I have 3.5" Dual Disk Drives. My printer is a Sears SR2000 with the Miracle parallel printer interface. My monitor is a Magnavox RGB 80 adjusted for use in F1 mode.

I recently obtained EDITOR SE, which I now use instead of QUILL, and the C68 'C' programming disks and I am attempting to learn the 'C' language.

Robert C. Madaris
Trafford, AL

Welcome, Bob, and you are proof that it's never too late to learn, you CAN teach an old dog new tricks, etc. It is also interesting to note that in many ways you are the quintessential QL user.

How many of us cut our teeth on the ZX-81 and developed an allegiance to Sir Clive's computers that borders on the obsessive? Ed.

****

PROD DEMONSTRATION A NEW QL EXTENSION

There will be a demonstration of the new extension called PROD at the April meeting. It was developed in collaboration with Computation Genetics Corp. of Chelsea, Massachusetts. The new program utilizes a breakthrough Bio-Genetic Thermo-Plastic (BGTP) developed by CGC.

The material has electrical conductivity properties which can be channelled to the serial port (comms port) of a computer. The PROD extension interprets signals from a sensor pad (PROD PAD) made from BGTP. In conjunction with the extension this permits heuristic interpretation of the user's needs when operating other computer software.

CGC executive, Dr. R. Ida bin Phulen, and his assistant, Candice B. Reel, will demonstrate the prototype. At a sneak preview, a user operated a number of unfamiliar software titles without reference to manuals by placing a hand on the pad, exercising great concentration and applying Body English. Remarkably, in 85% of attempts the user's desired effects were input to the QL.

More surprisingly, the demonstrator, although told that the program's function was word-processing, formatted three paragraphs of justified word-wrapped text in ABACUS as quickly as if it had been done in QUILL.

PROD is an extension that presently takes 10 parameters including the user's Sweat Salinity Factor, Body Language Profile Index, handedness (Left or Right), personality type (A or B) and latitude and longitude of place of birth.

Dr. Phulen, who heads the CGC product development team, is a reknowned computer high-achiever, informally acknowledged to be descended from Victorian poet and all-round genius, Lord Byron, on his father's side and from the explorer, Richard Burton, on his mother's, as are many in this world.

"Initially, we selected the Sinclair QL because it was cheap," admitted Dr. bin Phulen, in the release announcing the demonstration. "Subsequently, in attempting to transfer the concept to other computers, we find that these results are only possible on an unexpanded QL with a JSU ROM. Our software team suspects that PROD utilizes extraneous code relating to the unfinished WHEN ERRor function on that ROM. Rumors that only a British computer can respond to Body English are premature"

PROD will be released to the public domain as soon as the team are sure that the computer will not retaliate if it is input at too high an EOR (emotional overload rate).

"We see this development as a major breakthrough in Artificial Intelligence. Our sole interest is the commercial application of the sensor pad," explained Dr. bin Phulen. "Whether or not Graphic User Interfaces and mice will be made obsolete remains to be seen."

It is expected that when commercial release commences in July, 1993, the sensor pad (PROD PAD) will retail for about $400.00. A scurrilous rumor that a discount drug store bandage works just as well was traced to a Silicon Valley firm. CGC attorneys are reviewing legal options.

PROD and its source code will be freely available through NESQLUG, at P.O. Box 8763, Boston MA 02114.

Computation Genetics received commercial and military grants of $75 million to develop Bio-Genetic Thermo-Plastic applications on April 1, 1992.

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EYE-Q

A REALLY REMARKABLE GRAPHICS DRAWING PROGRAM
Reviewed by Hugh Howie

This user friendly program has been on the market for about four years but seldom do you see it mentioned. So I decided to encourage someone else to use it by telling how I find it after three years of on and off use.

On start up the first thing you see is a narrow status bar at the top of the working screen. This displays the x and y position of the cursor, the Ink and Paper color (in color) and the drawing mode you are in. (Skip, Set, Erase, XOR). F1 toggles the mode. F2 toggles the status bar from top to bottom or makes it disappear.

F3 gives the first Menu where you may select from Rubber Bands, Clear Screen, Ink/Paper, Files, Font Editor, Character Size, Manipulate Screen, Hi/Lo Resolution, and Exit to S/basic. Options are selected with the cursor keys. I tried a joystick but I prefer the keys. I think a mouse would also work and might be advantageous for drawing a wavy line or where a flowing line is desired.

Each option has a second menu. Rubber Bands gives a choice of Circle/Ellipse, Rectangle/Block or Line/Arc. All those can be moved anywhere on the screen. Line/Arc can be straight or curved and toggled so that either end is active, long or short. Circle can be of any desired size, as also the Block. <ESC> puts you back to the previous menu level.

Ink/Paper is selected from a palette of 33 or 155 colors or stipples depending on the Resolution in use (Hi/Lo) and it must be selected at the start. Otherwise, it is possible to get quite a spectacular flashing on reloading the image!

Files is for Load, Save, Load Font, Save Font, Directory, Delete File, Format Medium. Yes you can design your very own font, although one is provided.

Character Size has all the S/Basic character sizes.

Font Editor, see above.

Manipulate Screen provides Horizontal and Vertical stretch, Reflect and Invert an area, Pan and Scroll an area, Transfer and Reduce an area.

Enclosed areas can be Filled by any available colors. When the area is filled, you may reject the fill and try again by pressing <ESC> before <ENTER>

For detailed work there is a ZOOM option to magnify a part of the screen four times and then another four times, giving an image sixteen times the original size. Most, but not all, functions are available here.

EYE-Q is fully compatible with Super Sprite Generator.

Files can be saved in compressed or monochrome form which does save a lot of space.

This review can not possibly tell you all the features of EYE-Q; it takes the Manual 26 pages to do that, (plus a two page index) The manual is easy to read and easy to follow, which is something rare in a manual. There is also ample on-screen help available by pressing CTRL-H, but I seldom use it as I prefer to look it up in the manual.

The status bar I mentioned at the beginning has a red border. When inserting text, it turns green, so you are always aware that the text option is in force.

CTRL-D dumps the image to the printer. There is no option to save the image to a printable file. (See below.)

Basically the drawing and option selection process is a one or two →

'HACKER' DEAD, LONG LIVE IQLR
by Peter Hale

The venerable 'HACKER' from Las Vegas Nevada published its last issue early this year.

With its death a chapter in the history of Sinclair computing ends.

At one time it was a spirited and informative newsletter. Even when it began being published on an IBM-clone, it still had a lot to say about TS computers.

When it died there were but six paid members to support a print run of 34. In Nevada there were only four members and only one of them still had a TIMEX!

But out of the ashes of the Phoenix arises an even more beautiful bird.

As HACKER was in its death throes, Bob Dyl and friends of 15 Kilburn Court, Newport RI 02840 began publishing IQLR - the INTERNATIONAL QL REPORT.

It is truely international. After just a year of publication more than half the 450+ issues go outside North America.

It is a handsomely printed newsletter published bi-monthly.

Its function is to keep abreast of hardware and software developments throughout the world as they effect the QL.

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key operation. If you would like to try your hand at a graphics program, then I unreservedly recommend that you try this one.

EYE-Q IS AN EXCELLENT PROGRAM

[and available from Digital Precision. It is, unfortunately, one of the few programs which cannot create a suitable file for use with Trans24 to get the best possible 24 pin printer output. Ed]

In the way that it approaches the reporting it is in a class by itself.

Reviews are sparse - they are merely descriptive. Detailed reviews are left to the more venerable mags like Quanta and QL World.

But technical information is its real forte. In the most recent issue was a very useful diagram showing the proper way to connect a Teac ED drive so that it would work with a Gold Card.

It is also an alternative forum for opinions and outlooks that haven't been published elsewhere.

At $14.95 a year it has the best reproduction of any QL magazine and it seems that someone actually proofreads the text! (QL World take note.)

Because it is produced on a photocopier from laser printed copy (on a QL? - how's that done?) the publishing deadlines are very short. Late breaking is late breaking.

Dollar for dollar it is the best value for information on the QL.

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MEETING NOTES (cont. from p. 2)
Articles should be submitted with a hard copy as well as on a microcart or 5.25" or 3.5" disk. It can be in MS-DOS ascii format. Articles should be submitted two weeks before the next meeting.

Three people have volunteered to take on new responsibilities: Will Horton as our Program Manager, Judy Horton as Program Coordinator and Mike Jonas as Assistant to the Program Manager.

It was suggested that our June meeting take place in Toronto, preferably with the Toronto user group's QL users. Joyce will contact Hugh Howie in Ontario to pursue the feasability. Update - We are welcome to visit in June. They request details so they can determine where to meet - Joyce Continued page 7

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CAT MINTS AND MISC. RAMBLINGS

by Al Feng

Flynn O'Feenix has allowed me to supplement my "miscellaneous ramblings" with his report home. Flynn was an observer at the February 22nd CATUG meeting who feels that his thoughts are much more interesting than anything I might have to offer.

Dear Mum,
Having treble righting. Pull light bad. Very dark situation -- To tell the truth, can't ya do nothing!?! Situation iffy.
Call Dutch, send seeds and bulbs (full spectrum, okay).
Deliver hay to lead eaters of LE MONDE (verse stay?):

DEWS ON THE GRAVE. STOP.
ILL NOISE. STOP.
SICK, SO TIE (FEH!). STOP.
WONDER. STOP.
TIE (FEH, AGAIN!). STOP.
ESTATIA. STOP.
EMBRACE. STOP.
ANDULUSIA. STOP.
BOB IN FLA. STOP.
MINGLES BY SEA. STOP.
SQUIRRELS REVEAL. STOP.
DEAD SECRETS. STOP.
WEAK WAIT. STOP.
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EGG ON FACE. STOP.
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ALL SHOW A. STOP.
MEMORY FREE. STOP.
PALACE NINE. STOP.
YES, SIR. STOP.
MONEY TALKS. STOP.
BLAH, BLAH, BLAH. STOP.
PAPER PASSES. STOP.
NEXT MONTH. STOP.
BI-COL DEMO. STOP.
MORE PROMISED. STOP.
STOP.

Am well. Sean fine, too!

Your loving son, Flynn O'Feenix

NB: As some may note, Flynn is a fan of James Joyce's FINNEGANS WAKE. Flynn tells me that if you are not familiar with this style of writing and don't fully understand the telegraphed message, he will gladly send you a "translation" if you send a SASE envelope to him care of yours truly, Al Feng.

COWO-bunga?! I guess that I've had what might be called a 'Clark Kent QL' for the past several years. Prior to this past month, my QL's motherboard, disk drives, and various interfaces had been NESTLEd (that's a pun, if you didn't catch it) in an AT-case with a robust 230 watt PS. A couple of months ago, I was fortunate enough to "salvage" a SPERRY PC case with its dinky 100 watt PS; and at present, therein resides my QL.

Whether your interest is mild or keen in reading about the how-to and/or pit-falls to watch out for, then please express an interest to me indirectly via Peter Hale, or directly.

I have in mind a series of easy-to-follow articles which will take you through the process step-by-step.

Yes, you too can do this project right in the comfort of your own home/workshop from from easily accessible, generic [CLONE] parts (okay, the 64-way may be a problem).

No, you don't need a GOLD CARD for this project. Why try to run when you can still crawl [does that sound like the rallying cry of 2068 users!?!]?

If you are willing to spend the time, you don't even need a FALKENBERG keyboard interface!

You just need to know how to follow directions and how to solder; so, almost anyone with a 15 watt soldering iron should be able to do this project (soldering is required, but minimal).

With the exception of the case and

power supply, everything is available from either your local ace-is-the-place, Radio Shack, and/or lumber yard!

Parental permission is not necessary, but you may need spousal approval as you will be occupied for a few evenings (months?).

The "final" cost depends on what you already have, and what you want to end up with ($50-1,000).

NOTE: For $1,000 you should end up with the equivalent of the 'SuperQL' mentioned by Tim Swenson in the the CATS Newsletter (Feb 1992).

Finally, thanks to Flynn for sharing his thoughts.

HAPPY TRAILS,
AND COMPUTING, TO YOU!

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MEETING NOTES Cont from p 5
Al offered his observation of IBM Quickbasic compared to QL SuperBASIC. As he has used both on his job he finds IBM is not superior to QL's version.

Peter is looking for someone knowledgeable with RGB input of a Fisher color TV to assist in repairs.

February's meeting wll take place at Will and Judy Horton's house in East Providence. The subject will be Games. Each member is invited to demonstrate his/her favorite game on the QL. Members are encouraged to bring their own QL setup. The meeting is on the first Sunday of February, the second.

March's meeting will be the first Saturday of the month, the seventh. It will be held at Al Boehm's house.

April's meeting will be a tutorial by Mike Jones on BCPL at Al Boehm's.

A reminder that articles are due April 17th.

Will Horton displayed his own program of a perpetual calendar. It is written in assembly language and it is memory resident. It opens it's own channel and it works equally well in either TV or monitor mode. This program can be made auto executable. It shows the calendar of the past as well as the future. It has a red border for the white numbers. It occupies three-quarters of the screen.

Will also showed new hardware: a peripheral RS232 interface. It is still in development. It is a compact circuit that fits inside a 4"x4"x4" box. It has a UART and an A to D converter to sense temperature from two sensors external to it's box. It has 1K ROM and 64K RAM and 3 I/O ports. It has an adjustable baud rate. It's ultimate function is to acquire and store temperature readings from two sensors over a year to eventually determine when a heating furnace should be turned on and off in a residential house.

Peter showed four us titles from Dilwyn Jones Computing:

Gopher is a program that finds a specific string on all files on a disc/microcart. As it scans, it displays files with matches.

Quick Poster is a program that produces a poster in big characters. It produces a one page poster in letter format, not portrait style. You can choose which characters to use to make a border on the poster.

Superdisk Index automatically loads and provides a master reference of all files on your disks. It sorts the directories and displays them on the screen. The software can handle up to 999(!) disks. It does not show the file contents but reports which disk a particular file is on.

Basic Reporter is a program that sorts by variables. It displays how many times each variable or word was used in any file. It can also give a memory report. It gives over six parameters to choose the sort on.

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NESQLUG 35

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